

# Staff Workshop

## FY 2011/12 PIER Initiatives and Integration Opportunities

**Laurie ten Hope**  
**Deputy Director**  
**Research & Development Division**  
July 26, 2011

# Today's Agenda



California Energy Commission – PIER

- Welcome and Introductions
- Overview of PIER Advisory Group Meetings
  - Smart Infrastructure
  - Renewable Energy
  - Energy Efficiency
- Advisory Group Member Comments -- *Did we capture your input?*
- Public Comments
- Closing/Next Steps

# Public Interest Energy Research (PIER) Program Overview



*California Energy Commission – PIER*

- **IOU Ratepayer Funded Program launched in 1997**
- **Purpose:** Fund public interest energy research that is not provided by the competitive or regulated markets, advances energy science and technology to the benefit of California ratepayers and will provide environmentally sound, safe, reliable and affordable energy services and products. Research areas:
  - Energy Efficiency and Demand Response
  - Renewable Energy and Advanced Electricity Generation
  - Transmission & Distribution and Storage
  - Climate and Environment
  - Transportation
- **Approximate \$86.5 Million Annual Budget**
  - \$62.5 million electric
  - \$24.0 million natural gas

- Provides strategic advice on R&D funding priorities and makes recommendations on future programmatic directions to R&D Policy Committee
- Established by statute and composed of key stakeholders
  - 3 members of Senate, 3 members of Assembly, IOU's, CPUC, CARB, CAISO, environmental organizations, consumer representatives, venture capital firms, and other experts
- March 2011 PAB meeting results
  - Characterize research into 3 subgroups: Smart Infrastructure, Renewable Energy, Energy Efficiency
  - Would like more information on research initiatives so can make better recommendations

# PIER Advisory Groups



*California Energy Commission – PIER*

- Provides advice and input on proposed research initiatives, including identify possible duplications; identify opportunities to gain synergies, and assist in effective transfer and use of research results
- Three PAGs established: Smart Infrastructure, Renewables and Energy Efficiency
- Membership includes Policy Advisory Board appointments, with augmentations to fill gaps
- Meetings are public -- Feedback from research community and the public is also encouraged

## ■ Today's Objectives:

- Finalize input on the proposed PIER research initiatives for fiscal year 2011/12
- Input will help structure future initiatives to maximize electricity ratepayer benefits

## ■ Questions for Participants:

- Did we capture your input from workshops and written comments?
- Are there additional suggestions to integrate research initiatives holistically?
- Any suggestions for future PAG meetings?

## ■ Public Interest Energy Research Program

General Program information:

<http://www.energy.ca.gov/research/index.html>

## ■ Energy Commission Mailing List Registration

<http://www.energy.ca.gov/listservers/index.html>

## ■ PIER Advisory Board Information

[http://www.energy.ca.gov/research/advisory\\_board.html](http://www.energy.ca.gov/research/advisory_board.html)